

Fig. 3 is a graph which shows how the frequency ratios of the frequencies of the first several modes vary with particular changes in the curvature of the side portion of an example bell;

Fig. 4 is a graph which shows how the frequency ratios of the frequencies of the first several modes vary with the length of the side portion of an example bell;

Fig. 5 is a graph which shows how the frequency ratios of the frequencies of the first several modes vary with wall thickness of an example bell;

Fig. 6 shows a cross-section of a half of an example bell;

Fig. 7 is a graph showing the relationship of frequency to frequency ratio for an initial bell shape;

Fig. 8 is a graph showing the relationship of frequency to frequency ratio following a first optimisation;

Fig. 9 is a graph showing the relationship of frequency to frequency ratio following a second optimisation;

Fig. 10 is a graph showing the relationship of frequency to frequency ratio following a third optimisation;

Fig. 11 is a representation of an harmonic bell designed in accordance with the present invention; and

Fig. 12 is a further representation of an harmonic bell designed in accordance with the present invention. --